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CONTRACT [REDACTED]

25X1

PAR 225

8 Sept 64

SUBJECT: Microdensitometer Training Program

## TASK/PROBLEM

1. Prepare and conduct training programs in the fundamentals of operation and the application of microdensitometers for photo interpretation.

## DISCUSSION

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2. A conference was held with the customer representative, [REDACTED] to discuss the type and extent of training desired and a course outline was prepared.

3. Arrangements were made to include a demonstration of specially designed microdensitometers used in image structure measurement.

4. A manual was written to accompany the course given in the operation and applications of microdensitometers. This manual summarizes the lectures and contains some additional material not covered in the course.

5. Included in the training sessions were chalkboard discussions, actual operation of the [REDACTED] Microdensitometer, Model 5, and tours of installations of microdensitometers at the [REDACTED]

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6. Three sessions of this training program were held at [REDACTED] [REDACTED] A total of fourteen attended. General topics in microdensitometry design and use were discussed and several special purpose microdensitometers at [REDACTED] were demonstrated. Included were the uses to measure modulation transfer function, granularity, and the distribution of photometric data in aerial scenes.

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7. The short manual, written to accompany the course, was given to all attendees.

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Declass Review by NGA.

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PLANNED ACTIVITIES

25X1 8. No further work on this PAR is expected until early 1965. At that time, discussions with the customer will determine whether there will be continuation work in the form of assistance on customer problems to be undertaken at either  or at the customer's facility.

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